(11) **EP 1 168 505 A3** 

(12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **27.11.2002 Bulletin 2002/48** 

(51) Int Cl.<sup>7</sup>: **H01R 4/48** 

(43) Date of publication A2: 02.01.2002 Bulletin 2002/01

(21) Application number: 01305369.9

(22) Date of filing: 20.06.2001

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU

MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 20.06.2000 GB 0014903

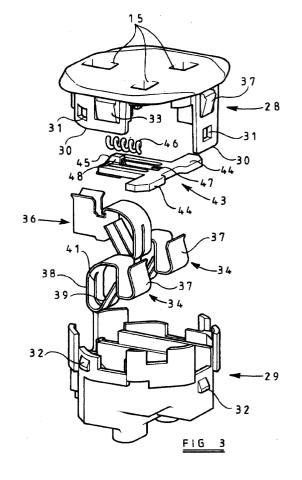
(71) Applicant: Aphel Limited
Warwickshire CV23 0PR (GB)

(72) Inventor: Hutchison, Gordon Rugby, Warwickshire CV23 0QX (GB)

 (74) Representative: Hallam, Arnold Vincent et al LEWIS & TAYLOR
 5 The Quadrant Coventry, CV1 2EL (GB)

## (54) Electrical socket

(57) An electrical socket means has electrical contact means within a housing, the electrical contact means being formed of an integral or one-piece electrically conductive member having a socket portion for releasable engagement with plug means of an electrical device and securing means for locating and securing an electrical wire for supplying electrical power to the device. The securing means comprises a spring arm bearing resiliently against another part of the member for locating and securing the wire therebetween. An electrical socket assembly has a main body having one or more apertures for location of such an electrical socket means therein.





## **EUROPEAN SEARCH REPORT**

Application Number EP 01 30 5369

		ERED TO BE RELEVANT	T		
Category	Citation of document with i of relevant pas	ndication, where appropriate, sages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
Х	US 3 622 955 A (FER 23 November 1971 (1 * abstract; claims;	.971-11-23)	1-3	H01R4/48	
A	FR 2 518 831 A (OUT 24 June 1983 (1983- * figures 4-12 *	ILLAGE MOULE ETU FABR)	8,9		
A	FR 2 524 721 A (ITW 7 October 1983 (198 * claims; figures *	33-10-07)	1-4		
A	US 4 231 632 A (BAD 4 November 1980 (19 * abstract; claims;		1-4		
A	US 5 526 225 A (WAN 11 June 1996 (1996- * figures 1-4 *		12-14		
A	US 5 238 416 A (DIC 24 August 1993 (199 * figures 1,4 *		6,7	TECHNICAL FIELDS SEARCHED (Int.CI.7)	
Α	DE 196 10 958 A (WE 25 September 1997 ( * claims; figures *		1-4		
A	US 5 702 259 A (LEE 30 December 1997 (1 * figures 1,6 *		8,9		
	The present search report has	peen drawn up for all claims			
	Place of search	Date of completion of the search	<u> </u>	Examiner	
	THE HAGUE	9 October 2002	Dur	and, F	
X : parti Y : parti docu A : techi O : non-	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anot ment of the same category nological background written disclosure mediate document	L: document cited f	le underlying the i cument, but public te in the application or other reasons	nvention shed on, or	

EPO FORM 1503 03.82 (P04C01)

## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 30 5369

This annex lists the patent family members relating to the patent documents cited in the above–mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-10-2002

Patent document cited in search report			Publication date		Patent family member(s)		Publication date
US	3622955	A	23-11-1971	BE DE ES FR GB JP NL SE	740719 1953456 372803 1602459 1233856 48019472 6915965 369249	A1 A1 A A B A ,B	01-04-1970 04-06-1970 01-11-1971 30-11-1970 03-06-1971 13-06-1973 27-04-1970 12-08-1974
FR	2518831	Α	24-06-1983	FR	2518831	A1	24-06-1983
FR	2524721	Α	07-10-1983	FR	2524721	A1	07-10-1983
US	4231632	А	04-11-1980	FR DE GB	2412962 2855742 2013418	A1	20-07-1979 28-06-1979 08-08-1979
US	5526225	Α	11-06-1996	NONE	an ann ann an		
US	5238416	Α	24-08-1993	WO JP	9429931 9504899		22-12-1994 13-05-1997
DE	19610958	Α	25-09-1997	DE	19610958	A1	25-09-1997
US	5702259	Α	30-12-1997	NONE	,, ,,,, ,,,, ,,,, ,,,, ,,,, ,,,, ,,,, ,,,,		

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82